

PROFILE



ARASADA SUBASHINI

Senior Assistant Professor,
Department of Electronics,
Gayatri Vidya Parishad College
for Degree & P.G Courses(A).

EDUCATION

M.Sc., M.Phil. (Ph.D.)

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9966888780.

Research Area

SODAR, IoT.

EDUCATION

Degree	college/ University	Year of graduation Awarded
Bachelor of Science	Andhra University	2002.
Master of Science	GITAM university	2004.
Master of Philosophy	Andhra University	2016.
Ph.D. (Perusing)	GITAM university	2019-till date.

EXPERIENCE: 20 years

Designation	Organization	From Date	To Date
Senior Assistant Professor	Gayatri Vidya Parishad for Degree and P.G courses(A).	21-07-2006	Till date.
Lecturer	A.G.L Degree and P.G college	05-04-2004	25-05-2006.

COURSES TAUGHT

Undergraduate	Postgraduate
Basic Circuit Theory Electronic Devices & Circuits Digital Electronics Analog and Digital IC Applications Microprocessor Electronic Communication Industrial Electronics Electronic Instrumentation Electronic circuits and PCB designing BIO Medical Instrumentation Consumer Electronics	Network Theorems Antenna Theory Instrumentation Electronic Communication Wave Guides Optical Fibers

ACADEMIC IDENTITY

Publications: 03

- Construction of low-cost microcontroller-based Timer/Frequency Measurement system for sodar application.
International Journal, high technology letters (Scopus, Impact factor 2.7, during 2021-22).
- Hybrid AES model with Elliptic curve and ID based key generation for IOT in Telemedicine.
International Journal, Measurement Sensors (Scopus, volume 28, during August 2023-24).
- An IOT based heart disease diagnosis system using Gradient boosting and Convolution neural network.
International Journal, (Scopus, volume 5, during November 23-24).

Papers Presented in Conferences: 02

- Maternal health risk analysis and classification using random forest model with hyperparameter tuning.
presented a paper in the 8th International Conference, icmeet 2023, organised by department of electronics and communication engineering, national institute of technology Mizoram, India (during October 6-7, 2023).
- To develop a deep learning-based classification system for disease diagnosis using IoT.
presented a paper in the 4th International Conference, on recent trends in multidisciplinary research (com.4.0), organised by eudoxia research university, new castle, U.S.A (during March 29-30, 2024).

Certification course: 02

- Diploma in electronic Instrumentation
State Board of Technical Education, Hyderabad, April, 1996.
- Fundamentals of electronic material and devices
12 weeks NPTEL online certification course (during February to April, 2019).

Seminars/workshops/FDP'S Attended: 33

- FDPs: 10
- National/International workshops: 15
- National/International Seminars: 8

Administrative Activities

- Acted as a Spot chief for the Board of Electronics, Andhra University, during the years 2015 and 2016.
- Acting as a BOS member for BOS in Electronics department in GVPCDPGC.
- Acting as a class coordinator in GVPCDPGC.

- Certificate of Appreciation for the National level quiz on 07-08-2023 organised by department of Electronics and Communications engineering, Visakha Institute of Engineering and Technology, Visakhapatnam.
- Guided some student projects.
- Exhibited Electronics Expo in Andhra University during the year 2010-11.
- Organised seminars, workshops and interactive sessions in the electronics department, GVPCDPGC.